AMENDMENTS TO THE CLAIMS

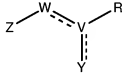
Please amend claims 1, 26, 56-57, 60, 62, 63, 69, 81, and 86 and please cancel claims 2-25, 27-55, 58, 59, 61, 64, 67, 68, 71, 74, 80, and 82-85 without prejudice or disclaimer. The following listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method of inhibiting the GTPase activity of dynamin in a cell or synaptosome, comprising contacting a cell or synaptosome with an effective amount of a compound of formula I, or a physiologically acceptable salt thereof, to inhibit said GTPase activity in said cell or synaptosome, wherein

M-Sp-M'

Formula I

M and M' are each independently a moiety of formula II and are the same or different, and Sp is a spacer comprising a 1 to 7 atom chain;



Formula II

V is C or CH;

W is CH or a linker group of up to 3 atoms in length; and

Y is cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy, sulfur, or an unsubstituted C_1-C_3 group or C_1-C_3 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur; or

W, V and Y form a 5 or 6 membered substituted or unsubstituted ~~heterocyclic or carbocyclic~~ ring fused with Z, wherein the ~~heterocyclic ring includes from 1 to 3~~

~~heteroatoms selected from O, N and S, and the heterocyclic or carbocyclic~~ ring, when substituted, has at least one constituent selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy, sulfur, or an unsubstituted C_1-C_3 group or C_1-C_3 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur; and

R is CH_2R', CXR' or CHX'R';

X is O or S;

X' is cyano, nitro, amino, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy, or an unsubstituted C_1-C_3 group or C_1-C_3 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur;

R' is NH, O or S bonded to the spacer; and

Z is a phenyl ~~carbocyclic or heterocyclic~~ group, consisting of one ring independently having 5 or 6 ring members and at least two substituents independently selected from nitro, NH, amino, cyano, halo, hydroxy, carboxy, oxo, sulfur, sulfhydryl, C_1-C_2 alkoxy, C_1-C_2 acyl, or a C_1-C_2 alkyl or C_1-C_2 alkenyl group with at least one substituent selected from nitro, NH, amino, cyano, halo, hydroxy, carboxy, oxo, sulfur, sulfhydryl, C_1-C_2 alkoxy and C_1-C_2 acyl.

2-25. (Cancelled)

26. (Currently amended) The method of claim 1, ~~wherein the~~ being a method ~~inhibits a~~ for inhibiting dynamin-dependent endocytosis in the cell or synaptosome~~condition in a mammal~~.

27-55. (Cancelled)

56. (Currently amended) A method according to claim 26, wherein for at least one of M and M':

V is C;

W is CH; and

Y is cyano, nitro, amino, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy, or an unsubstituted C_1-C_2 group or C_1-C_2 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur; or

W, V and Y form a 5 or 6 membered substituted or unsubstituted ~~heterocyclic or carbocyclic~~ ring fused with Z, wherein the ~~heterocyclic ring includes from 1 to 3 heteroatoms selected from O, N and S, and the carbocyclic or heterocyclic~~ ring, when substituted, has at least one substituent selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur, or an unsubstituted C_1-C_2 group or C_1-C_2 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur; and

R is CH_2R', CXR' or CHX'R';

X is O or S; and

X' is cyano, nitro, amino, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy, or an unsubstituted C_1-C_2 group or C_1-C_2 group substituted with at least one group independently selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl; carboxy, thiocarboxy and sulphur.

57. (Currently amended) A method according to claim 56, wherein:

Y is cyano, nitro, amino, carboxy, hydroxy, sulfhydryl, or thiocarboxy; or

W, V and Y form a 5 or 6 membered substituted or unsubstituted ~~heterocyclic or carboxylic~~ ring fused with Z, ~~wherein the heterocyclic ring includes from 1 to 3 heteroatoms selected from O, N and S,~~ and the ~~carbocyclic or heterocyclic~~ ring, when substituted, has at least one substituent selected from cyano, nitro, amino, hydroxy, sulfhydryl, carboxy and thiocarboxy, or a C_1-C_2 group substituted with a group selected from cyano, nitro, amino, hydroxy, sulfhydryl, carboxy and thiocarboxy; and

R is CXR'.

58. (Cancelled)

59. (Cancelled)

60. (Currently amended) A method according to claim 57[[~~58~~]], wherein the Z group ~~is an aryl group with~~ has two of said substituents in ortho positions relative to one another.

61. (Cancelled)

62. (Currently amended) A method according to claim 60, wherein W, V and Y form ~~forms~~ a 6 membered ~~heterocyclic~~ ring fused with Z.

63. (Currently amended) A method according to claim 60[[~~61~~]] wherein V is C and Y is cyano, nitro, amino, or ~~carboxy,~~ hydroxy~~, sulfhydryl or thiocarboxy~~.

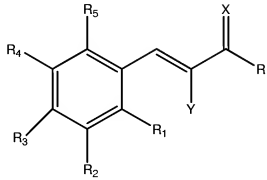
64. (Cancelled)

65. (Currently amended) A method according to claim 60[[~~64~~]], wherein the two substituents are independently selected from nitro, amino and hydroxy.

66. (Previously presented) A method according to claim 65, wherein the two substituents are hydroxy.

67-68. (Cancelled)

69. (Currently amended) A method according to claim 26, wherein M and M' are each independently a moiety as follows:



wherein X is O or S ;

Y is cyano, nitro, amino, halo, hydroxy, sulfhydryl, carboxy, or thiocarboxy; or

R_1 and Y are cyclised forming a 5 or 6 membered substituted or unsubstituted ~~heterocyclic or carbocyclic~~ ring, wherein the ~~heterocyclic ring includes 1 or 2 heteroatoms selected from O, N and S, and the carbocyclic or heterocyclic~~ ring, when substituted, has at least one substituent selected from cyano, nitro, NH, amino, oxo, halo, hydroxy, sulfhydryl, carboxy, thiocarboxy and sulfur; and

R_2 to R_5 are independently hydrogen or a substituent independently selected from nitro, amino, halo, hydroxy, carboxy, sulfhydryl, thiocarboxy, C_1-C_2 alkoxy and C_1-C_2 acyl; or

R_1 to R_5 are independently hydrogen or a substituent independently selected from nitro, amino, halo, hydroxy, carboxy, sulfhydryl, thiocarboxy, halo, C_1-C_2 alkoxy and
C_1-C_2 acyl; and

R is NH, O is S bonded to the spacer Sp; and

wherein at least one of M and M' is characterised in that, at least two of R_1 to R_5 are other than hydrogen, and when R_1 to R_2 are other than hydrogen at least one of R_3 to R_5 is also other than hydrogen, or when R_1 and Y are cyclised, at least two of R_2 to R_5 are other than hydrogen.

70. (Previously presented) A method according to claim 69, wherein at least two of R_2 to R_4 are other than hydrogen.

71. (Cancelled)

72. (Previously presented) A method according to claim 70, wherein at least three of R_1 to R_4 are other than hydrogen.

73. (Currently amended) A method according to claim 72[[~~70~~]], wherein at least two of R_2 to R_4 are hydroxy.

74. (Cancelled)

75. (Previously presented) A method according to claim 73, wherein Y is cyano, X is O and R is NH.

76. (Previously presented) A method according to claim 75, wherein M and M' are the same.

77. (Previously presented) A method according to claim 26, wherein the spacer Sp permits the compound to adopt a hairpin conformation.

78. (Previously presented) A method according to claim 26, wherein the spacer Sp comprises an unsubstituted alkane chain as follows:

$$- (CH_2)\ nCH_2 -$$

wherein n is an integer of from 1 to 5.

79. (Previously presented) A method according to claim 1, wherein the compound of Formula I is a dimeric tyrphostin.

80. (Cancelled)

81. (Currently amended) A method according to claim 73, wherein X is O, R is NH and R_1 and Y are cyclised, forming a substituted ~~heterocyclic group~~ ring with 6 ring members.

82-85. (Cancelled)

86. (Currently amended) The method of claim 26, being a method for prophalaxis or treatment of ~~wherein the method prevents or treats~~ epilepsy ~~or inhibits a dynamin-dependent endocytosis~~ in a mammal, wherein the method ~~comprising~~comprises administering to the mammal an effective amount of the compound of formula I, or a physiologically acceptable salt or prodrug thereof.